

EAST [default.wsp:1]

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EAST

L1: (16) "4381352"
L2: (6) ("4381352") or ("4775558") or ("48372
L3: (8) ("9802477").PN.
L4: (251) genz.inv.
L5: (3931) microcellular
L6: (15) 14 and 15
L7: (9) "5840782"
L8: (1179) dimer adj fatty adj acid
L9: (1675) polyester adj polyol
L10: (17895) 18 same2 19
L11: (73) 15 same 19
L12: (1242) 521/159
L13: (1) 111 and 112
L14: (461) 110 and 112
L15: (54571) adipic adj acid
L16: (282) 114 and 115
L17: (58) 15 and 116
L18: (4) 18 and 15
L19: (5984) (fatty adj acid)same dimer
L20: (12) 119 and 15
L21: (2) ("4383051").PN.
L22: (2) 18 and 112

polymers prepared in this way from having a tendency to absorb water from the atmosphere, the absorbed water reacting with the isocyanate groups thereby reducing the number of these available for the hardening reaction and, on the other hand, to reduce the viscosity of the mixture as well as the temperature at which the hardening is to take place;

(14) U.S. Pat. No. 3,383,343 describes a polyester intended to be spun and obtained by reacting at least one polymethylene glycol with at least one aromatic dicarboxylic acid and at least one dimer fatty acid which represents 55 to 65% by weight of the total weight of acids. The possible role of these dimer fatty acids is not mentioned in any way;

(15) U.S. Pat. No. 3,166,527 describes cellular plastics consisting of reaction products of alkyd resins and polyisocyanates exhibiting better physical properties at high temperatures. Dimer acids can enter into the formulation of resins; however, the possible role of these dimers in the final product is not disclosed anywhere in this patent;

(16) U.S. Pat. No. 3,345,049 describes a polyurethane coating which is obtained by mixing an organic solution of a polyfunctional compound containing several free isocyanate groups and an organic solution of a polyester with hydroxy end groups whose constituent polyacids include from 10 to 50 mole % of dimer acids, which are used in particular to improve the chemical resistance, impact strength and flexibility of these films;

(17) U.S. Pat. No. 3,498,940 relates to polyester urethanes intended to be mixed with phenolic or other resins and react with these resins to give varnishes which are stable at high temperature. The dimer fatty acids used for

N	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inventor	U	C	P	3
1	US 20050626769 A1	20050127	11	Method for producing polyurethane prepolymer	521/159	528/59, 528/60		Kellbach, Guido et al.				
2	US 6482913 B1	20021119		Liquid MDI adducts with improved freeze stability	528/67	252/182, 22; 521/160		Markusch, Peter H. et al.				
3	US 5648421 A	19970715		Isocyanate/polyol casting resin	524/789	264/45, 3; 428/312, 4;		Thiele, Lothar et al.				
4	US 5621065 A	19970415		Polycarbonate diols, their preparation and use as	528/84	528/196; 528/198;		Fudleiner, Heinz et al.				
5	US 5455297 A	19951003		Water-based coating compositions and their use	524/591	428/425, 8; 524/840;		Pedain, Josef et al.				
6	US 5338767 A	19940816		Thixotropic polyurethane systems	521/159	521/163; 521/166;		Sartelat, Jean-Francois et al.				
7	US 4742147 A	19880605		Liquid, solventless, complex polymeric compositions,	528/75	521/149; 521/155;		Nichols, Gus				
8	US 4602075 A	19860722	11	Urethane elastomers prepared using a prepolymer prepared	528/60	528/65; 528/66;		Vinches, Gerard et al.				

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